



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT



APPLICANT: Michael Deimling CONFIRMATION NO.: 1837  
SERIAL NO.: 10/699,083 GROUP ART UNIT: 2862  
FILED: October 31, 2003

TITLE: "METHOD TO DETERMINE THE ADC COEFFICIENTS IN  
DIFFUSION-WEIGHTED MAGNETIC RESONANCE IMAGING  
GIVEN USE OF STEADY-STATE SEQUENCES"

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

S I R:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicant requests that citation and examination of the following documents be made during the course of examination of the above-referenced application for United States Letters Patent.

- AT "The Diffusion Sensitivity of Fast Steady-State Free Precession Imaging," Buxton, Magnetic Resonance in Medicine, Vol. 29, (1993) pages 225-243
- AU "A New Diffusion SSFP Imaging Technique," Zur et al., Magnetic Resonance in Medicine, Vol. 37 (1997) pages 716-722
- AV "High Resolution Renal Diffusion Imaging Using a Modified Steady-State Free Precession Sequence," Ding et al., Magnetic Resonance in Medicine, Vol. 34 (1995) pages 596-595
- AW "NMR Diffusion Coefficient Mapping by Use of Fast Steady-State Free Precession Sequence," Chu et al., Proc. Society of Magnetic Resonance in Medicine, Amsterdam (1989) page 911

### **EXPLANATION OF RELEVANCE**

Each of the above references was identified and discussed at pages 4 and 5 of the present specification, and Applicant stands by the statements in the specification concerning the teachings of these references.

Copies of each of the above references together with Form 1449 are submitted herewith.

As of the date of mailing of this Information Disclosure Statement, a first Office Action on the merits has not been received in connection with this application, and therefore, this Information Disclosure Statement is in compliance with 37 C.F.R. §1.97(b)(3), and no fee is necessary.

All claims of the application are submitted to be patentable over the teachings of the above references, taken singly or in combination. Early consideration of the application is therefore respectfully requested.

Submitted by,

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### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on March 30, 2004.

Steven H. Noll

STEVEN H. NOLL

Form PTO-1449

Docket No.

P03,0421

Serial No.

10/699,083

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(use several sheets if necessary)

Applicant

Michael Deimling

Filing Date

October 31, 2003

Group Art Unit

2862

**U.S. PATENT DOCUMENTS**

Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
	AQ							
	AR							
	AS							

**OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

AT	"The Diffusion Sensitivity of Fast Steady-State Free Precession Imaging," Buxton, Magnetic Resonance in Medicine, Vol. 29, (1993) pages 225-243
AU	"A New Diffusion SSFP Imaging Technique," Zur et al., Magnetic Resonance in Medicine, Vol. 37 (1997) pages 716-722
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AW	"NMR Diffusion Coefficient Mapping by Use of Fast Steady-State Free Precession Sequence," Chu et al., Proc. Society of Magnetic Resonance in Medicine, Amsterdam (1989) page 911

Examiner

Date Considered

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.